

For Research Use Only

P-cadherin Recombinant monoclonal antibody

Catalog Number: 86776-1-RR



Basic Information

Catalog Number: 86776-1-RR	GenBank Accession Number: NM_001793.5	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1001	CloneNo.: 251775F5
Isotype: IgG	UNIPROT ID: P22223-1	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Immunogen Catalog Number: EG5236	Full Name: cadherin 3, type 1, P-cadherin (placental)	
	Calculated MW: 91 kDa	
	Observed MW: 120 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : A431 cells, HaCaT cells, HCT 116 cells, mouse embryo tissue
	IF/ICC : A431 cells,

Background Information

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. P-cadherin (placental cadherin), also known as CDH3 (cadherin 3), is a classical member of the cadherin superfamily which also include E-, N-, R-, and B-cadherins. Aberrant expression of P-cadherin has been reported in many cancers, including breast, gastric, endometrial, ovarian, and prostate cancer.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

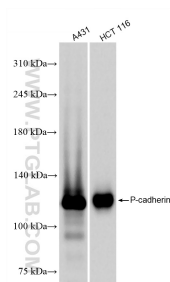
T: 4006900926

E: Proteintech-CN@ptglab.com

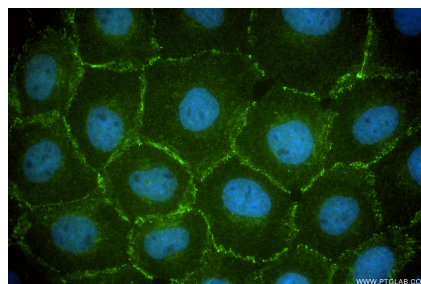
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86776-1-RR (CDH3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using P-cadherin antibody (86776-1-RR, Clone: 251775F5) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).